

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

Levee District No. 0002 (Glenn County)

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| † Overall LMA Rating (Fall Only) | | | | |

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Levee District No. 0002 (Glenn County)

| Waterway | | | Bank | Unit Miles |
|---|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 Glenn County Sacramento River | | | Right | 4.90 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 3/29/2017 - 3/29/2017 | | | |
| DWR Inspector | Bob Duffey | | | |
| Accompanied By | Dennis Clark LD 2 | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|--|----------------------------------|--------------|------------------------|------------|----|
| LM Start | | Rating ** | A | Issue No. | 14 |
| LM End | | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Operations & Maintenance Manuals | | | | |
| DWR ID | DWR_LD0002_01_s _ 2013_14 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| The LMA has copies of the O&M manuals. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------|--------------|------------------------|------------|----|
| LM Start | | Rating ** | A | Issue No. | 17 |
| LM End | | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Emergency Supplies & Equipment | | | | |
| DWR ID | DWR_LD0002_01_s _ 2013_17 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| The LMA has adequate flood fight supplies and equipment. | | | | | |

No Photos

| | | | | | |
|--|-------------------------------|--------------|------------------------|------------|----|
| LM Start | | Rating ** | M | Issue No. | 18 |
| LM End | | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Flood Preparedness & Training | | | | |
| DWR ID | DWR_LD0002_01_s _ 2013_18 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| The LMA has completed flood fight training in the past. Recommend taking flood fight training. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|---|----------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.07 | Rating ** | M | Issue No. | 6 |
| LM End | 0.28 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2015 USACE Erosion Survey, DRAFT | | | 39.414649 ° | 39.417689 ° |
| | | | | -122.009853 ° | -122.010369 ° |
| DWR ID | DWR_LD0002_01_s_2016_6 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2009 - Very slow retreat, hard toe, encroaching into the levee projection. 2010 - Slowly eroding. 2011 - Site extended downstream. 2015: Last observed in 2013. [2015 Site ID: SAC_164-7_R] | | | | | |

Photo 1 of 2 : SP_2017_LD0002_28_6_20170315_00003.jpg



USACE 2013 Photo #1

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.07 | Rating ** | M | Issue No. | 6 (cont) |
| LM End | 0.28 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : SP_2017_LD0002_28_6_20170315_00004.jpg



USACE 2013 Photo #2

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.54 | Rating ** | M | Issue No. | 32 |
| LM End | 0.59 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 39.421335 ° | 39.422073 ° |
| | | | | -122.011389 ° | -122.011449 ° |
| DWR ID | DWR_LD0002_01_f_2016_32 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_32_20170315_00015.jpg



View of the waterside vegetation looking upstream.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.59 | Rating ** | M | Issue No. | 53 |
| LM End | 0.59 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.422088 ° | 39.422088 ° |
| | | | | -122.011615 ° | -122.011615 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:42083 | | | | | |
| DS_ID:24877 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Indicator Found | | | | | |
| UCIP Comments: Need to contact owner to determine if conduit goes through levee crown. If it does, will need to obtain permit number issued for encroachment. | | | | | |
| FIELD_STRUCT_DESC: Caltrans traffic control box located on the landside (LS) shoulder. Unable to determine if crossing goes through levee. | | | | | |
| FS Date: 5/16/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_42083_72882.jpg



View of landward slope.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.59 | Rating ** | M | Issue No. | 53 (cont) |
| LM End | 0.59 | Issue Type + | En | Location * | WS |

Photo 2 of 3 : UCIP_SP_2017_42083_72881.jpg



View of levee crown at crossing.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.59 | Rating ** | M | Issue No. | 53 (cont) | |
| LM End | 0.59 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 39.422088 ° | | 39.422088 ° |
| | | | | -122.011615 ° | | -122.011615 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:42083 | | | | | | |
| DS_ID:24877 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Indicator Found | | | | | | |
| UCIP Comments: Need to contact owner to determine if conduit goes through levee crown. If it does, will need to obtain permit number issued for encroachment. | | | | | | |
| FIELD_STRUCT_DESC: Caltrans traffic control box located on the landside (LS) shoulder. Unable to determine if crossing goes through levee. | | | | | | |
| FS Date: 5/16/2013 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_42083_72880.jpg



Service box located on landward shoulder.

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.61 | Rating ** | M | Issue No. | 54 |
| LM End | 0.61 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.422282 ° | 39.422282 ° |
| | | | | -122.011634 ° | -122.011634 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:38165 DS_ID:21185 EP_NO: 2356 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 1 of 3: 28-inch steel pipe sleeved through 30-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (Permit No. 2356-1956, Princeton-Cordora-Glenn Irrigation District) FS Date: 5/16/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_38165_69467.jpg



View of levee crown at crossing.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.61 | Rating ** | M | Issue No. | 54 (cont) |
| LM End | 0.61 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.422282 ° | 39.422282 ° |
| | | | | -122.011634 ° | -122.011634 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:38165

DS_ID:21185

EP_NO: 2356

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements.

FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 1 of 3: 28-inch steel pipe sleeved through 30-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (Permit No. 2356-1956, Princeton-Cordora-Glenn Irrigation District) FS Date: 5/16/2013

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.61 | Rating ** | M | Issue No. | 54 (cont) |
| LM End | 0.61 | Issue Type + | En | Location * | WS |

Photo 2 of 3 : UCIP_SP_2017_38165_69469.jpg



View of Princeton-Cordora-Glenn Irrigation District--Schaad Pumping Plant.

Photo 3 of 3 : UCIP_SP_2017_38165_69463.jpg



View of landward side--outlet.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.61 | Rating ** | M | Issue No. | 55 |
| LM End | 0.61 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.422302 ° | 39.422302 ° |
| | | | | -122.011635 ° | -122.011635 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:38166
DS_ID:21184
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements.
FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 2 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes installed under Permit No. 2356 (1956). (Permit No. 2356-1956, Princeton-Codora-Glenn Irrigation District)
FS Date: 5/16/2013

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.61 | Rating ** | M | Issue No. | 55 (cont) |
| LM End | 0.61 | Issue Type + | En | Location * | WS |

Photo 1 of 3 : UCIP_SP_2017_38166_69475.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP_SP_2017_38166_69476.jpg



View of Princeton-Cordora-Glenn Irrigation District--Schaad Pumping Plant.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.61 | Rating ** | M | Issue No. | 55 (cont) | |
| LM End | 0.61 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 39.422302 ° | | 39.422302 ° |
| | | | | -122.011635 ° | | -122.011635 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:38166 DS_ID:21184 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 2 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes installed under Permit No. 2356 (1956). (Permit No. 2356-1956, Princeton-Codora-Glenn Irrigation District) FS Date: 5/16/2013 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_38166_69477.jpg



View of landward side--outlet.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.61 | Rating ** | M | Issue No. | 56 |
| LM End | 0.61 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.422329 ° | 39.422329 ° |
| | | | | -122.011637 ° | -122.011637 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:38167 DS_ID:21171 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 3 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes installed under Permit No. 2356 (1956). (Permit No. 2356-1956, Princeton-Codora-Glenn Irrigation District) FS Date: 5/16/2013 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.61 | Rating ** | M | Issue No. | 56 (cont) |
| LM End | 0.61 | Issue Type + | En | Location * | WS |

Photo 1 of 3 : UCIP_SP_2017_38167_69483.jpg



View of levee crown with marker on waterward side.

Photo 2 of 3 : UCIP_SP_2017_38167_69484.jpg



View of Princeton-Cordora-Glenn Irrigation District-Schaad Pumping Plant.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.61 | Rating ** | M | Issue No. | 56 (cont) | |
| LM End | 0.61 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 39.422329 ° | | 39.422329 ° |
| | | | | -122.011637 ° | | -122.011637 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:38167 DS_ID:21171 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. Owner will need to coordinate with CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 3 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landside (LS) end. Pump in pump house on LS slope. Rock revetment around outlet on waterside (WS) slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes installed under Permit No. 2356 (1956). (Permit No. 2356-1956, Princetan-Codora-Glenn Irrigation District) FS Date: 5/16/2013 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_38167_69478.jpg



View of landward side--outlet.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

Levee District No. 0002 (Glenn County)

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.61 | Rating ** | M | Issue No. | 57 (cont) | |
| LM End | 0.61 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 39.422350 ° | 39.422350 ° | |
| | | | | -122.011637 ° | -122.011637 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:38168 DS_ID:21182 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to verify if the pipes inside the existings pump house correlate to 24-inch installed in 1955. Three pipes found in the pump house on landward side. Pump house appears to be no longer in use. Unable to locate pipes on waterward side. Will need to contact owner to determine status. FIELD_STRUCT_DESC: [Pumping Plant] 24-inch steel pipe through the levee, 27.3 feet below the crown. Flap gate on landside (LS). Pump in pump house on landside (LS). (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). FS Date: 5/16/2013 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_38168_69486.jpg



View of landward side--outlet.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.69 | Rating ** | M | Issue No. | 33 |
| LM End | 0.80 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 39.423464 ° | 39.425054 ° |
| | | | | -122.011640 ° | -122.011451 ° |
| DWR ID | DWR_LD0002_01_f_2016_33 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_33_20170315_00016.jpg



View of the waterside vegetation looking upstream.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.03 | Rating ** | M | Issue No. | 58 |
| LM End | 1.03 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.428441 ° | 39.428441 ° |
| | | | | -122.011032 ° | -122.011032 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:44170 DS_ID:21177 EP_NO: 9723 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Owner is listed as Pacific Bell however sign lists AT&T as owner, need to contact owner to determine if permit was updated or if this crossing is listed under new permit. Unable to confirm if 2 crossings are present at this site. FIELD_STRUCT_DESC: Buried telephone cable through the levee at unknown depth. Telephone pole and junction box on landside (LS) toe. This line was retained under an automatic board order (ABO) (Permit No. 9723-1974, Pacific Telephone Company). FS Date: 5/16/2013 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.03 | Rating ** | M | Issue No. | 58 (cont) |
| LM End | 1.03 | Issue Type + | En | Location * | WS |

Photo 1 of 3 : UCIP_SP_2017_44170_72602.jpg



Indicators of existing line visible on slope.

Photo 2 of 3 : UCIP_SP_2017_44170_72601.jpg



AT&T underground cable line.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.03 | Rating ** | M | Issue No. | 58 (cont) | |
| LM End | 1.03 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 39.428441 ° | 39.428441 ° | |
| | | | | -122.011032 ° | -122.011032 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:44170 DS_ID:21177 EP_NO: 9723 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Owner is listed as Pacific Bell however sign lists AT&T as owner, need to contact owner to determine if permit was updated or if this crossing is listed under new permit. Unable to confirm if 2 crossings are present at this site. FIELD_STRUCT_DESC: Buried telephone cable through the levee at unknown depth. Telephone pole and junction box on landside (LS) toe. This line was retained under an automatic board order (ABO) (Permit No. 9723-1974, Pacific Telephone Company). FS Date: 5/16/2013 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_44170_72600.jpg



Sign lists Pacific Telephone system.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.03 | Rating ** | M | Issue No. | 30 |
| LM End | 1.03 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 39.428445 ° | 39.428445 ° |
| | | | | -122.010972 ° | -122.010972 ° |
| DWR ID | DWR_LD0002_01_f_2015_30 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Remove the oleanders from the waterside slope. | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_30_20170315_00014.jpg



View of the oleanders along the waterside slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.15 | Rating ** | M | Issue No. | 29 |
| LM End | 1.15 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.430098 ° | 39.430098 ° |
| | | | | -122.010828 ° | -122.010828 ° |
| DWR ID | DWR_LD0002_01_s_2017_29 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Remove the tree from the waterside slope and toe. | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_29_20170330_00054.jpg



View of the tree on the water side slope and toe.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.24 | Rating ** | M | Issue No. | 40 |
| LM End | 1.24 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.431499 ° | 39.431499 ° |
| | | | | -122.010803 ° | -122.010803 ° |
| DWR ID | DWR_LD0002_01_f_2013_40 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Remove the tree limbs from the waterside slope. | | | | | |

Photo 1 of 2 : SP_2017_LD0002_28_40_20170315_00019.jpg



View of the downed tree limb along the slope of the levee.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.24 | Rating ** | M | Issue No. | 40 (cont) |
| LM End | 1.24 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : SP_2017_LD0002_28_40_20170315_00020.jpg



View of the tree limbs along the waterside slope.

| | | | | | | | |
|---|--|---|--|---|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|---|--|---|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.40 | Rating ** | M | Issue No. | 34 |
| LM End | 1.40 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 39.433809 ° | 39.433809 ° |
| | | | | -122.010814 ° | -122.010814 ° |
| DWR ID | DWR_LD0002_01_f_2016_34 | | | | |
| Comment Code | | | | | |
| C2 : Repair depressions or ruts in the crown or slope. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_34_20170315_00017.jpg



View of a depression on the levee crown looking upstream.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.52 | Rating ** | M | Issue No. | 15 |
| LM End | 1.60 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 39.435485 ° | 39.436643 ° |
| | | | | -122.010640 ° | -122.010498 ° |
| DWR ID | DWR_LD0002_01_f_2012_15 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| LMA needs to repair the rodent holes. | | | | | |

Photo 1 of 2 : SP_2017_LD0002_28_15_20170315_00008.jpg



View of the rodent holes along the landside slope.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.52 | Rating ** | M | Issue No. | 15 (cont) |
| LM End | 1.60 | Issue Type + | Ma | Location * | LS |

Photo 2 of 2 : SP_2017_LD0002_28_15_20170315_00009.jpg



View of the rodent holes along the landside slope.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.52 | Rating ** | M | Issue No. | 35 |
| LM End | 1.65 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 39.435522 ° | 39.437441 ° |
| | | | | -122.010582 ° | -122.010438 ° |
| DWR ID | DWR_LD0002_01_f_2016_35 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_35_20170315_00018.jpg



View of the landside vegetation looking upstream.

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.59 | Rating ** | A/W | Issue No. | 41 |
| LM End | 1.59 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 39.436550 ° | 39.436550 ° |
| | | | | -122.010490 ° | -122.010490 ° |
| DWR ID | DWR_LD0002_01_f_2016_41 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.01 | Rating ** | M | Issue No. | 36 |
| LM End | 2.01 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.441740 ° | 39.441740 ° |
| | | | | -122.012834 ° | -122.012834 ° |
| DWR ID | DWR_LD0002_01_s_2016_36 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Downed cottonwood tree on waterside toe and slope | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.39 | Rating ** | M | Issue No. | 59 |
| LM End | 2.39 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.446534 ° | 39.446534 ° |
| | | | | -122.016052 ° | -122.016052 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:42085 DS_ID:21190 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend coming back in the Fall to search for crossing. FIELD_STRUCT_DESC: Pump and tank in concrete box on the waterward side. Power poles on the waterward slope. Channel on waterward side runs parallel to the levee. FS Date: 5/16/2013 | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.77 | Rating ** | M | Issue No. | 42 |
| LM End | 2.77 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 39.451841 ° | 39.451841 ° |
| | | | | -122.017120 ° | -122.017120 ° |
| DWR ID | DWR_LD0002_01_f_2013_42 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_42_20170315_00021.jpg



View of the rodent holes along the slope of the levee.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.79 | Rating ** | M | Issue No. | 60 |
| LM End | 2.79 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.452180 ° | 39.452180 ° |
| | | | | -122.017100 ° | -122.017100 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:42086 DS_ID:21183 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to find any signs of crossing. LMA noted that crossing might have been grouted during the adjacent wildlife project. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend coming back in the Fall to search for crossing. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, approximately 17 feet below the crown. (USACE-1955). In 2012, LMA noted that this crossing might have been grouted during the adjacent wildlife project in unknown year however, no records are available to confirm. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 111+17). FS Date: 5/16/2013 | | | | | |

No Photos

| | | | | | |
|-------------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.89 | Rating ** | M | Issue No. | 5 |
| LM End | 2.89 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.453490 ° | 39.453490 ° |
| | | | | -122.016457 ° | -122.016457 ° |
| DWR ID | DWR_LD0002_01_f_2015_5 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_5_20170315_00002.jpg



View of the prunings along the landside toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.91 | Rating ** | M | Issue No. | 2 |
| LM End | 2.96 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 39.453595 ° | 39.454003 ° |
| | | | | -122.016273 ° | -122.015503 ° |
| DWR ID | DWR_LD0002_01_f_2015_2 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_2_20170315_00001.jpg



View of the rodent holes and bait station along the landside slope.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.96 | Rating ** | M | Issue No. | 44 |
| LM End | 3.04 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 39.454003 ° | 39.454874 ° |
| | | | | -122.015525 ° | -122.014521 ° |
| DWR ID | DWR_LD0002_01_f_2016_44 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.16 | Rating ** | U | Issue No. | 12 |
| LM End | 3.16 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 39.456004 ° | 39.456004 ° |
| | | | | -122.012776 ° | -122.012776 ° |
| DWR ID | DWR_LD0002_01_s_2013_12 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Repair the rodent holes along landside slope. | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_12_20170315_00006.jpg



View of the rodent activity along the landside slope.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
| | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 3.21 | Rating ** | A/W | Issue No. | 37 |
| LM End | 3.21 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 39.456170 ° | 39.456170 ° |
| | | | | -122.011908 ° | -122.011908 ° |
| DWR ID | DWR_LD0002_01_s_2016_37 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| Willow branches trimmed on L/S slope | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.23 | Rating ** | M | Issue No. | 16 |
| LM End | 3.30 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 39.456192 ° | 39.456272 ° |
| | | | | -122.011445 ° | -122.010163 ° |
| DWR ID | DWR_LD0002_01_f_2012_16 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Grout or fill the rodent holes. | | | | | |

Photo 1 of 2 : SP_2017_LD0002_28_16_20170315_00010.jpg



View of the rodent holes along the landside slope.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.23 | Rating ** | M | Issue No. | 16 (cont) |
| LM End | 3.30 | Issue Type + | Ma | Location * | LS |

Photo 2 of 2 : SP_2017_LD0002_28_16_20170315_00011.jpg



View of the rodent holes along the landside slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.24 | Rating ** | M | Issue No. | 38 |
| LM End | 3.24 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.456202 ° | 39.456202 ° |
| | | | | -122.011314 ° | -122.011314 ° |
| DWR ID | DWR_LD0002_01_s_2016_38 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.37 | Rating ** | M | Issue No. | 61 |
| LM End | 3.37 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.456704 ° | 39.456704 ° |
| | | | | -122.009621 ° | -122.009621 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:44186 DS_ID:21188 EP_NO: 12444 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs markers 10-feet off both levee toes. FIELD_STRUCT_DESC: Steel conduit through the levee, 2.5 feet below the crown. Conduit extends to pole on waterside (WS). Cut in pavement visible at levee crown (Permit No. 12444-1978) FS Date: 4/1/2015 | | | | | |

Photo 1 of 2 : UCIP_SP_2017_44186_73606.jpg



Conduit may be visible on pole about 1000-feet west of levee crown.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 3.37 | Rating ** | M | Issue No. | 61 (cont) | |
| LM End | 3.37 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 39.456704 ° | | 39.456704 ° |
| | | | | -122.009621 ° | | -122.009621 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:44186 DS_ID:21188 EP_NO: 12444 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs markers 10-feet off both levee toes. FIELD_STRUCT_DESC: Steel conduit through the levee, 2.5 feet below the crown. Conduit extends to pole on waterside (WS). Cut in pavement visible at levee crown (Permit No. 12444-1978) FS Date: 4/1/2015 | | | | | | |

Photo 2 of 2 : UCIP_SP_2017_44186_73605.jpg



Cut in pavement at levee crown good indicator of crossing.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.37 | Rating ** | M | Issue No. | 62 |
| LM End | 3.37 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.456720 ° | 39.456720 ° |
| | | | | -122.009630 ° | -122.009630 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:44185 DS_ID:21175 EP_NO: 5376 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Conduit needs markers ten feet off both levee toes. FIELD_STRUCT_DESC: Three 3.5-inch steel conduits through the levee, 3.0 feet below the crown. Metal cutoff wall around conduits near center of levee. Conduits are welded to the cutoff wall, extending only between the levee shoulders under the crown. Cut in pavement visible at crown. Cables extend to pole on waterside (WS). (Permit No. 5376-1967, Pacific Telephone & Telegraph Co.) FS Date: 4/1/2015 | | | | | |

Photo 1 of 2 : UCIP_SP_2017_44185_73608.jpg



Conduit may be visible at pole about 1000-feet west of crown.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 3.37 | Rating ** | M | Issue No. | 62 (cont) | |
| LM End | 3.37 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 39.456720 ° | | 39.456720 ° |
| | | | | -122.009630 ° | | -122.009630 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:44185 DS_ID:21175 EP_NO: 5376 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Conduit needs markers ten feet off both levee toes. FIELD_STRUCT_DESC: Three 3.5-inch steel conduits through the levee, 3.0 feet below the crown. Metal cutoff wall around conduits near center of levee. Conduits are welded to the cutoff wall, extending only between the levee shoulders under the crown. Cut in pavement visible at crown. Cables extend to pole on waterside (WS). (Permit No. 5376-1967, Pacific Telephone & Telegraph Co.) FS Date: 4/1/2015 | | | | | | |

Photo 2 of 2 : UCIP_SP_2017_44185_73607.jpg



Cut in pavement visible at crown good indicator of crossing location.

| | | | | | | |
|---|-------------------------|--------------|----|------------------------|----|---------------|
| LM Start | 3.44 | Rating ** | U | Issue No. | 27 | |
| LM End | 3.52 | Issue Type + | Ma | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Animal Control | | | 39.457692 ° | | 39.458705 ° |
| | | | | -122.009517 ° | | -122.009872 ° |
| DWR ID | DWR_LD0002_01_s_2014_27 | | | | | |
| Comment Code | | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | | |
| Inspector Comment | | | | | | |
| Repair the rodent holes on landside slope. | | | | | | |

Photo 1 of 2 : SP_2017_LD0002_28_27_20170315_00012.jpg



View of the rodent activity along the landside slope.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 3.44 | Rating ** | U | Issue No. | 27 (cont) | |
| LM End | 3.52 | Issue Type + | Ma | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Animal Control | | | 39.457692 ° | 39.458705 ° | |
| | | | | -122.009517 ° | -122.009872 ° | |
| DWR ID | DWR_LD0002_01_s _ 2014_27 | | | | | |
| Comment Code | | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | | |
| Inspector Comment | | | | | | |
| Repair the rodent holes on landside slope. | | | | | | |

Photo 2 of 2 : SP_2017_LD0002_28_27_20170315_00013.jpg



View of the rodent holes along the landside slope.

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 3.47 | Rating ** | A/W | Issue No. | 39 |
| LM End | 3.57 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.458121 ° | 39.459331 ° |
| | | | | -122.009534 ° | -122.010504 ° |
| DWR ID | DWR_LD0002_01_s _ 2016_39 | | | | |
| Comment Code | | | | | |
| MA : Material | | | | | |
| Inspector Comment | | | | | |
| Walnut hulls spread in low piles along levee toe will make access difficult, should be removed. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.53 | Rating ** | U | Issue No. | 13 |
| LM End | 3.57 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 39.458803 ° | 39.459305 ° |
| | | | | -122.009980 ° | -122.010511 ° |
| DWR ID | DWR_LD0002_01_s _ 2013_13 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_13_20170315_00007.jpg



View of the rodent activity along the landside slope.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.57 | Rating ** | M | Issue No. | 45 |
| LM End | 3.57 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.459347 ° | 39.459347 ° |
| | | | | -122.010513 ° | -122.010513 ° |
| DWR ID | DWR_LD0002_01_f_2016_45 | | | | |
| Comment Code | | | | | |
| MA : Material | | | | | |
| Inspector Comment | | | | | |
| approx. 10 cubic yards of soil material placed at the landside toe of the levee | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.60 | Rating ** | M | Issue No. | 46 |
| LM End | 3.60 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.459678 ° | 39.459678 ° |
| | | | | -122.010785 ° | -122.010785 ° |
| DWR ID | DWR_LD0002_01_f_2016_46 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| Remove the tree from the waterside slope and toe. | | | | | |

Photo 1 of 2 : SP_2017_LD0002_28_46_20170315_00022.jpg



View of a fallen tree along the waterside slope.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.60 | Rating ** | M | Issue No. | 46 (cont) |
| LM End | 3.60 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : SP_2017_LD0002_28_46_20170330_00055.jpg



View of the tree along the waterside slope and toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.60 | Rating ** | M | Issue No. | 43 |
| LM End | 3.60 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.459720 ° | 39.459720 ° |
| | | | | -122.010812 ° | -122.010812 ° |
| DWR ID | DWR_LD0002_01_s_2016_43 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.73 | Rating ** | M | Issue No. | 63 |
| LM End | 3.73 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.461509 ° | 39.461509 ° |
| | | | | -122.011493 ° | -122.011493 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:38178 DS_ID:21178 EP_NO: 16931 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Inspector notes indicate that pipe was never installed through levee and application was closed. Steel pipe was not installed but detachable section was installed. The pipe section goes up and over levee. Permit 16931 file was closed in 2005 owner was unable to install pipe due to costs. Permit indicates that pipe was to be used for winter supply of irrigation water to landward side. Need to coordinate with DWR inspector--permit revised for this type of structure. FIELD_STRUCT_DESC: Crossing visible at location. Current structure differs from original request in Permit No. 16931. PVC connection visible on landside (LS) toe with cutoff valve. Pipe connects to 8-inch PVC pipe extending past LS toe. FS Date: 5/16/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_38178_69502.jpg



View of pump system on landward side located behind tracker.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 3.73 | Rating ** | M | Issue No. | 63 (cont) | |
| LM End | 3.73 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 39.461509 ° | 39.461509 ° | |
| | | | | -122.011493 ° | -122.011493 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:38178 | | | | | | |
| DS_ID:21178 | | | | | | |
| EP_NO: 16931 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Indicator Found | | | | | | |
| UCIP Comments: Inspector notes indicate that pipe was never installed through levee and application was closed. Steel pipe was not installed but detachable section was installed. The pipe section goes up and over levee. Permit 16931 file was closed in 2005 owner was unable to install pipe due to costs. Permit indicates that pipe was to be used for winter supply of irrigation water to landward side. Need to coordinate with DWR inspector--permit revised for this type of structure. | | | | | | |
| FIELD_STRUCT_DESC: Crossing visible at location. Current structure differs from original request in Permit No. 16931. PVC connection visible on landside (LS) toe with cutoff valve. Pipe connects to 8-inch PVC pipe extending past LS toe. | | | | | | |
| FS Date: 5/16/2013 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.73 | Rating ** | M | Issue No. | 63 (cont) |
| LM End | 3.73 | Issue Type + | En | Location * | LS |

Photo 2 of 3 : UCIP_SP_2017_38178_69501.jpg



Pump system located near landward toe.

Photo 3 of 3 : UCIP_SP_2017_38178_69500.jpg



Pipe connection capped with control valve located on landward toe.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.74 | Rating ** | M | Issue No. | 64 |
| LM End | 3.74 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.461674 ° | 39.461674 ° |
| | | | | -122.011507 ° | -122.011507 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:38182 DS_ID:24659 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 24-inch steel drainage pipe through levee at 2-feet below the crown. Pipe is exposed on waterside (WS) with air vent on the WS levee shoulder. Open pump is approximately 550 feet on the landside (LS) of the levee toe and concrete distribution pipe. (Permit No. 16280-1995, Mathew J. Southam/McGowan) FS Date: 5/16/2013 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.74 | Rating ** | M | Issue No. | 64 (cont) |
| LM End | 3.74 | Issue Type + | En | Location * | LS |

Photo 1 of 3 : UCIP_SP_2017_38182_69537.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2017_38182_69533.jpg



Pipe visible on waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 3.74 | Rating ** | M | Issue No. | 64 (cont) | |
| LM End | 3.74 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 39.461674 ° | | 39.461674 ° |
| | | | | -122.011507 ° | | -122.011507 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:38182 DS_ID:24659 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 24-inch steel drainage pipe through levee at 2-feet below the crown. Pipe is exposed on waterside (WS) with air vent on the WS levee shoulder. Open pump is approximately 550 feet on the landside (LS) of the levee toe and concrete distribution pipe. (Permit No. 16280-1995, Mathew J. Southam/McGowan) FS Date: 5/16/2013 | | | | | | |

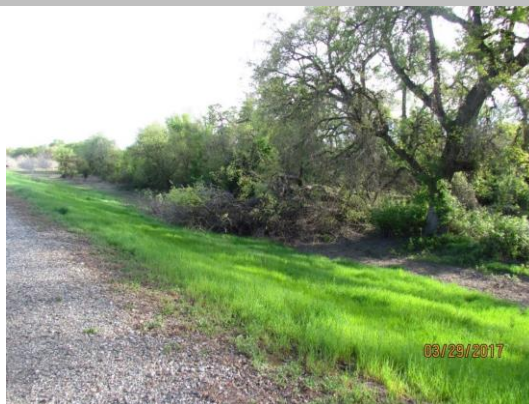
Photo 3 of 3 : UCIP_SP_2017_38182_69541.jpg



View of channel on waterward side.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.94 | Rating ** | M | Issue No. | 31 |
| LM End | 3.94 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.464548 ° | 39.464548 ° |
| | | | | -122.011420 ° | -122.011420 ° |
| DWR ID | DWR_LD0002_01_s_2017_31 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Remove the tree from the waterside slope and toe. | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_31_20170330_00056.jpg



View of the tree along the waterside slope and toe.

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 47 |
| LM End | 4.02 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 39.465622 ° | 39.465622 ° |
| | | | | -122.011246 ° | -122.011246 ° |
| DWR ID | DWR_LD0002_01_f_2016_47 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 49 |
| LM End | 4.02 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.465687 ° | 39.465687 ° |
| | | | | -122.011257 ° | -122.011257 ° |
| DWR ID | DWR_LD0002_01_s_2017_49 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.05 | Rating ** | M | Issue No. | 50 |
| LM End | 4.05 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 39.466158 ° | 39.466158 ° |
| | | | | -122.011335 ° | -122.011335 ° |
| DWR ID | DWR_LD0002_01_s_2017_50 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Remove the tree from the waterside slope and toe. | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_50_20170330_00057.jpg



View of the tree on the water sideslope and toe.

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.08 | Rating ** | M | Issue No. | 48 |
| LM End | 4.14 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 39.466563 ° | 39.467445 ° |
| | | | | -122.011412 ° | -122.011570 ° |
| DWR ID | DWR_LD0002_01_f_2016_48 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.32 | Rating ** | M | Issue No. | 65 |
| LM End | 4.32 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 39.469908 ° | 39.469908 ° |
| | | | | -122.012117 ° | -122.012117 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:44188 | | | | | |
| DS_ID:21181 | | | | | |
| EP_NO: 18072 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Indicator Found | | | | | |
| UCIP Comments: Pipe needs better markers at pipe crossing. | | | | | |
| FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2.0 feet below the levee. Well, pump, and vent visible on landside (LS) toe. Vent visible just off waterside (WS) toe. (Permit No. 18072-2006, McCowan & Southam) | | | | | |
| FS Date: 4/1/2015 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_44188_69544.jpg



3-inch PVC pipe and vent exposed on waterward toe, likely in alignment with this crossing.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| N/A : Not Applicable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 4.32 | Rating ** | M | Issue No. | 65 (cont) | |
| LM End | 4.32 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 39.469908 ° | 39.469908 ° | |
| | | | | -122.012117 ° | -122.012117 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:44188 | | | | | | |
| DS_ID:21181 | | | | | | |
| EP_NO: 18072 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Indicator Found | | | | | | |
| UCIP Comments: Pipe needs better markers at pipe crossing. | | | | | | |
| FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2.0 feet below the levee. Well, pump, and vent visible on landside (LS) toe. Vent visible just off waterside (WS) toe. (Permit No. 18072-2006, McCowan & Southam) | | | | | | |
| FS Date: 4/1/2015 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 4.32 | Rating ** | M | Issue No. | 65 (cont) |
| LM End | 4.32 | Issue Type + | En | Location * | WS |

Photo 2 of 3 : UCIP_SP_2017_44188_69543.jpg



3-inch PVC pipe and vent exposed on waterward toe, likely in alignment with this crossing.

Photo 3 of 3 : UCIP_SP_2017_44188_73609.jpg



Well and pump visible on LS toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|-------------------|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 4.62 | Rating ** | M | Issue No. | 51 |
| LM End | 4.62 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Encroachments | | 39.473522 ° | 39.473522 ° | |
| | | | -122.015418 ° | -122.015418 ° | |
| DWR ID | DWR_LD0002_01_s_2017_51 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 4.70 | Rating ** | M | Issue No. | 52 |
| LM End | 4.70 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Encroachments | | 39.474468 ° | 39.474468 ° | |
| | | | -122.016175 ° | -122.016175 ° | |
| DWR ID | DWR_LD0002_01_s_2017_52 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 4.87 | Rating ** | A/W | Issue No. | 11 |
| LM End | 4.87 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Animal Control | | 39.476676 ° | 39.476676 ° | |
| | | | -122.017439 ° | -122.017439 ° | |
| DWR ID | DWR_LD0002_01_s_2012_11 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| The rodent holes have been filled with dirt. | | | | | |

Photo 1 of 1 : SP_2017_LD0002_28_11_20170315_00005.jpg



View of the removed rodent holes and bait station.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| N/A : Not Applicable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Levee District No. 0002 (Glenn County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|---------------|
| Unit No. 01 Glenn County Sacramento River | Right | 4.90 | 03/29/2017 03/29/2017 | Bob Duffey |

| | | | | | |
|---|----------------------|--------------|------------------------|---------------|-----------|
| LM Start | 4.88 | Rating ** | U | Issue No. | 66 |
| LM End | 4.88 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 39.476781 ° | 39.476781 ° | |
| | | | -122.017494 ° | -122.017494 ° | |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:49909 DS_ID:21176 EP_NO: 15198 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 07/07/2016 same as previous inspection: No markers found. Unable to confirm crossing status. (DWR UCIP - omagana)05/16/2013 No markers found. Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 2-inch steel gas pipeline through the levee, 2.5 feet below the crown. (Permit No. 15198, 1989 - Northern Michigan Exploration Company) FS Date: 7/7/2016 | | | | | |

No Photos

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|